

State of Alaska
Department of Fish and Game
Nomination for Waters
Important to Anadromous Fish

1992
Year of Revision

ALASKA DEPT. OF
FISH & GAME

OCT 30 1991

REGION II
HABITAT DIVISION

Anadromous Water Catalog Volume Southeast Region 1

USGS Quad Craig C-4

Name of Waterway Shakeen Creek tributary

Anadromous Water Catalog Number of Waterway _____

103-80-10350-2019

Change to X Atlas

_____ Catalog

_____ Both

Addition X

Deletion _____

Correction _____

Name addition:

USGS name _____

Local name _____

For Office Use

Nomination #	<u>92</u>	<u>10</u>
<u>Richard Reed</u> Regional Supervisor	<u>10/28/91</u> Date	
<u>Ed Wein</u>	<u>2/28/92</u> Date	
<u>F1</u> Drafted	<u>1/24/92</u> Date	

Species	Date(s) Observed	Spawning	Rearing	Migration
<u>Coho</u>				

Comments: Provide any clarifying information, including number of fish observed, location of fish survey data, etc.

Information from USFS fishery biologist in conjunction with
culvert replacement project

Attach a copy of a map showing location of mouth and upper points of each species, specific stream reaches identified for spawning or rearing, locations of barriers, such as falls. Attach a copy of the fish survey data, if available.

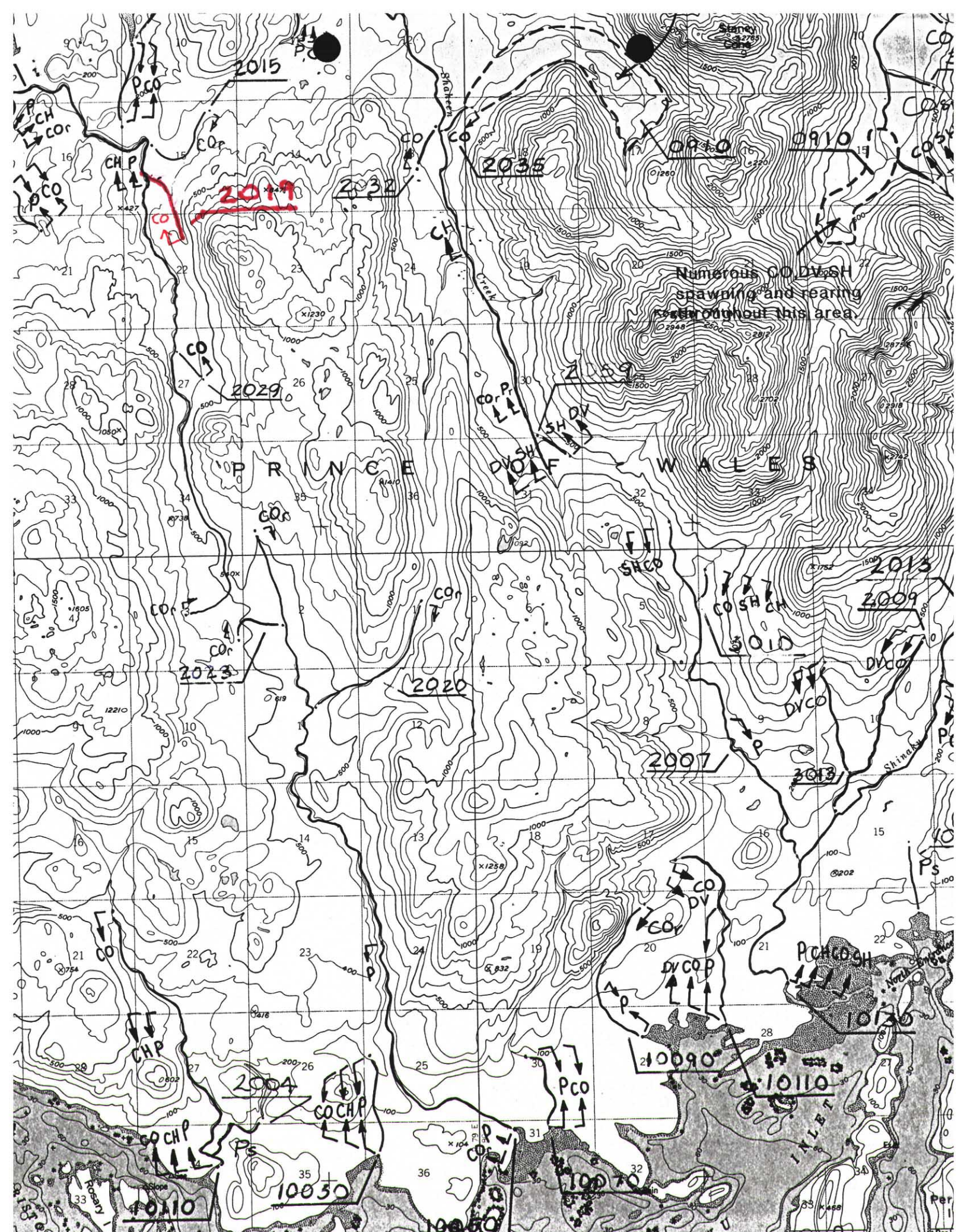
Name of Observer (please print) Vince Harkey

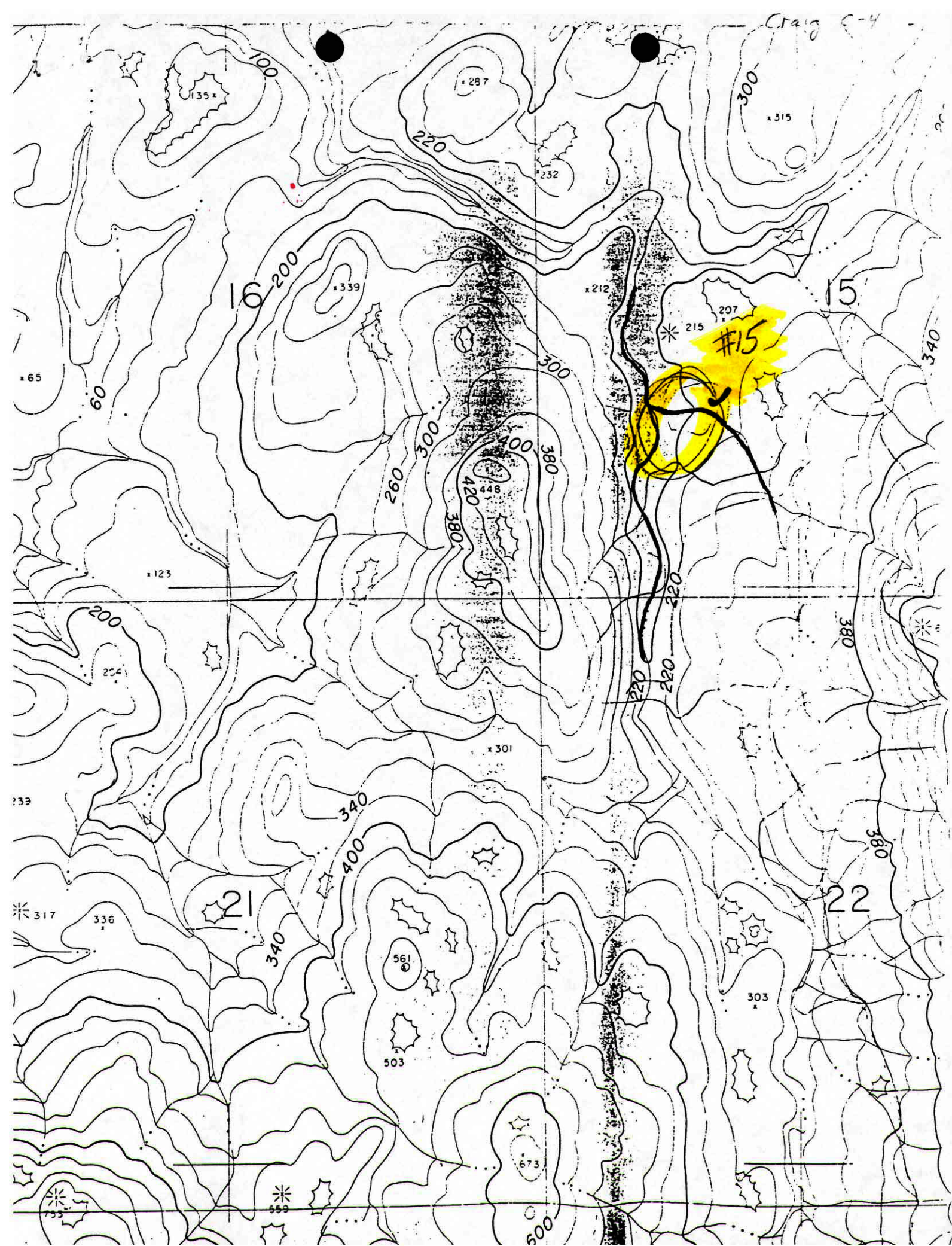
Date: 10/24/91 Signature: by Donald G. Cornelius

Address: ADFG P.O. Box 667

Petersburg AK 99833.

Signature of Area Biologist: Donald G. Cornelius





2050400 cont.

M.P. 3.7

A small landslide has washed out 30 feet of the road.

2050500 Road

M.P. 2.85

A 48" and a 36" cmp, provide partial fish passage. 36" cmp inlet is blocked, diverting all flow through the 48" cmp. This is causing scouring around the outlet, and may be causing a velocity barrier to fish. Coho salmon stream. Need to replace existing pipes with a 72" or 84" cmp, with a developed outlet pool.

M.P. 4.95

A 96" cmp, appears to be set at an adversely steep gradeint, possibly creating a velocity barrier. Culvert outlet is starting to scour down. Resident fish stream. Would require exstensive excavation to = create an outlet pool. Very steep embankments, difficult site to access.

2051100 Road

M.P. 0.1

A 36" cmp, provides partial fish passage. Culvert outlet has a 6" drop-off. Coho salmon stream. Need to develop pool at culvert outlet with rip-rap. Site is low, and easily accessible.

48"

6/5-8/10

2054 Road

M.P. 0.60

103-90-10310-2005

A 60" cmp, provides partial fish passage. Culvert outlet has a 6" drop-off. Coho, pink salmon stream. Would be easy to restore passage with a rock of log weir below the culvert outlet.

will be lower
should be a bridge
7/18-8/10

M.P. 1.40

A 48" cmp, provides partial fish passage. Culvert outlet has an 8" drop-off. Coho salmon stream. Need to develop a large pool below the outlet, or reset the culvert at a lower grade.

60"

7/18-8/10

2078 Road

M.P. 0.15

A 60"cmp with partial fish passage. Outlet is developing a scour, with an 8" drop. This is a coho stream. Problem may be corrected by developing a pool below the outlet, and armoring the pool with rip-rap.